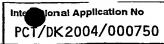
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/69 C12N C12N15/90 C12N15/75 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C12N IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with indication, where appropriate, of the relevant passages 1-7, WO 01/90393 A (NOVOZYMES A/S; RASMUSSEN, X 21-29 MICHAEL, DOLBERG) 29 November 2001 (2001-11-29) cited in the application 8-20 Y page 1 - page 3 page 16 page 25 - page 30 page 34 claims 1,28,32,39,43 Patent family members are listed in annex. Further documents are listed in the continuation of box C. X X Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 17/03/2005 8 March 2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Schneider, P Fax: (+31-70) 340-3016

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INTERNATIONAL SEARCH REPORT



C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	1017 0020047 0007 30	
Category °		Relevant to claim No.	
Υ	WO 02/00907 A (NOVOZYMES A/S; JOERGENSEN, STEEN, TROELS; ANDERSEN, JENS, TOENNE; RASM) 3 January 2002 (2002-01-03) cited in the application page 2 - page 4 page 7 page 20 page 24 page 33 - page 34	8-20	
Α	MOLLET B ET AL: "DIRECTED GENOMIC INTEGRATION, GENE REPLACEMENT, AND INTEGRATIVE GENE EXPRESSION IN STREPTOCOCCUS THERMOPHILUS" JOURNAL OF BACTERIOLOGY, WASHINGTON, DC, US, vol. 175, no. 14, July 1993 (1993-07), pages 4315-4324, XP001017817 ISSN: 0021-9193 the whole document		
A	WO 94/14968 A (NOVO NORDISK A/S; JOERGENSEN, STEEN, TROELS) 7 July 1994 (1994-07-07) the whole document		
Α	EP 0 972 838 A (ROCHE DIAGNOSTICS GMBH) 19 January 2000 (2000-01-19) the whole document		
А	WO 97/09435 A (THEREXSYS LIMITED) 13 March 1997 (1997-03-13) the whole document	•	

1

INTERNATIONAL SEARCH REPORT

Interplication No PCI/DK 2004/000750

Patent document dited in search report		Publication date		Patent family member(s)	Publication date
WO 0190393	Α	29-11-2001	AU WO	6206301 A 0190393 A1	03-12-2001 29-11-2001
			EP US	1290207 A1 . 2003044940 A1	12-03-2003 06-03-2003
WO 0200907	Α	03-01-2002	AU	6583501 A	08-01-2002
			CN WO	1437656 A 0200907 A1	20-08-2003 03-01-2002
			EP	1297170 A1	02-04-2003
			JP US	2004501651 T 2003032186 A1	22-01-2004 13-02-2003
WO 9414968	Α	07-07-1994	AU	679707 B2	10-07-1997
			AU Ca	5694494 A 2152371 A1	19-07-1994 07-07-1994
			WO	9414968 A1	07-07-1994
			EP	0675959 A1	11-10-1995
			FI JP	953079 A 8504585 T	21-06-1995 21-05-1996
			NO	952496 A	21-08-1995
			US 	5733753 A	31-03-1998
EP 0972838	Α	19-01-2000	EP	0972838 A1	19-01-2000
		•	AT AU	276371 T 720627 B2	15-10-2004 08-06-2000
			AU	4011599 A	10-02-2000
			BR	9902792 A 2274982 A1	09-05 - 2000 15-01 - 2000
•			CA DE	69920113 D1	21-10-2004
			JP	2000050888 A	22-02-2000
			KR TR	2000011710 A 9901650 A2	25-02-2000 21-02-2000
			US	6291245 B1	18-09-2001
			ZA	9904552 A	17-01-2000
WO 9709435	Α	13-03-1997	AT	199168 T	15-02-2001
			AU AU	710494 B2 6885596 A	23-09-1999 27-03 - 1997
			CA	2231784 A1	13-03-1997
			DE DE	69611794 D1 69611794 T2	22-03-2001 02-08-2001
			DK	851932 T3	18-06-2001
			EP	0851932 A1	08-07-1998
			ES WO	2155620 T3 9709435 A1	16-05 - 2001 13-03-1997
			GR	3035806 T3	31-07-2001
			JP	11511985 T	19-10-1999
			JP PT	3416888 B2 851932 T	16-06-2003 31-07-2001
			US	5972708 A	26-10-1999
			ÜS	6743780 B1	01-06-2004